

2014 Consumer Confidence Report

Water System Name: SAN JOAQUIN FAIR - 2ND DISTRICT

Report Date: June 2015

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2014.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alguien que lo entienda bien.

Type of water source(s) in use: According to DHS records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

Your water comes from 1 source(s): Well 01

Opportunities for public participation in decisions that affect drinking water quality: The Board of Directors of the 2nd District Agricultural Association also known as San Joaquin County Fair meets on the third Wednesday of each month. Agendas are posted ten days in advance at www.sanjoaquinfairgrounds.com.

For more information about this report, or any questions relating to your drinking water, please call (209) 838 - 7842 and ask for Quality Service, Inc..

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for the contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for the contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

ppm: parts per million or milligrams per liter (mg/L)

ppb: parts per billion or micrograms per liter (µg/L)

pCi/L: picocuries per liter (a measure of radiation)

The sources of drinking water: (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides*, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants*, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the California Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1 and 2 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The Department allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Arsenic (ppb)	(2012)	17	N/A	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Barium (ppm)	(2014)	0.599	N/A	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Hexavalent Chromium (ppb)	(2014)	1.9	N/A	10	0.02	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits.
Nitrate (ppm)	(2014)	2.5	N/A	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2010)	4.15	N/A	15	(0)	Erosion of natural deposits.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 2 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Manganese (ppb)	(2014)	505	N/A	50	n/a	Leaching from natural deposits

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead Specific Language for Community Water Systems: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with the service lines and home plumbing. *San Joaquin County Fair Grounds* is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

About our Arsenic: Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.

About our Manganese: Manganese was found at levels that exceed the secondary MCL. The Manganese MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

2014 Consumer Confidence Report Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 01 of the SAN JOAQUIN FAIR - 2ND DISTRICT water system in December, 2002.

Well 01 - The source is considered most vulnerable to the following activities not associated with any detected contaminants:
Other Animal operations

Discussion of Vulnerability

There have been no contaminants detected in the water supply, however the source is still considered vulnerable to activities located near the drinking water source.

Acquiring Information

A copy of the complete assessment may be viewed at:
Drinking Water Field Operations Branch
31 E. Channel Street
Room 270

Stockton, CA 95202

You may request a summary of the assessment be sent to you by contacting:

District Office

209-948-3816

209-948-7451 (fax)

San Joaquin County Fair Grounds

Analytical Results By FGL - 2014

PRIMARY DRINKING WATER STANDARDS (PDWS)								
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a) Range (b)
Arsenic		ppb		10	0.004			17 17 - 17
Well 01	STK1238712-1	ppb				2012-09-12	17	
Barium		ppm	2	1	2			0.599 0.599 - 0.599
Well 01	STK1435352-5	ppm				2014-06-03	0.599	
Hexavalent Chromium		ppb		10	0.02			1.9 1.9 - 1.9
Well 01	STK1451773-1	ppb				2014-11-18	1.9	
Nitrate		ppm		45	45			2.5 2.5 - 2.5
Well 01	STK1435351-1	ppm				2014-06-03	2.5	
Gross Alpha		pCi/L		15	(0)			4.15 4.15 - 4.15
Well 01	STK1050250-1	pCi/L				2010-11-17	4.15	

SECONDARY DRINKING WATER STANDARDS (SDWS)								
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a) Range (b)
Manganese		ppb		50	n/a			505 505 - 505
Well 01	STK1435352-5	ppb				2014-06-03	505	

San Joaquin County Fair Grounds

CCR Login Linkage - 2014

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
ADMIN BLDG	STK1431108-5	2014-02-05	Coliform	Admin Building	Drinking Water Monitoring
	STK1431990-5	2014-03-04	Coliform	Admin Building	Drinking Water Monitoring
Administrative	STK1432893-5	2014-04-01	Coliform	Admin Building	SJC Fair Grounds Monitoring-1
ADMIN BLDG	STK1434876-3	2014-05-20	Coliform	Admin Building	Drinking Water Monitoring
	STK1435352-4	2014-06-03	Coliform	Admin Building	Drinking Water Monitoring
	STK1435823-3	2014-06-12	Coliform	Admin Building	Drinking Water Monitoring
	STK1436082-4	2014-06-18	Coliform	Admin Building	Drinking Water Monitoring
	STK1436360-1	2014-06-25	Coliform	Admin Building	Drinking Water Monitoring
	STK1436511-4	2014-07-01	Coliform	Admin Building	Drinking Water Monitoring
	STK1436587-1	2014-07-02	Coliform	Admin Building	Drinking Water Monitoring
	STK1436602-1	2014-07-03	Coliform	Admin Building	Drinking Water Monitoring
	STK1436658-1	2014-07-04	Coliform	Admin Building	Drinking Water Monitoring
	STK1436659-1	2014-07-05	Coliform	Admin Building	Drinking Water Monitoring
	STK1436799-1	2014-07-09	Coliform	Admin Building	Drinking Water Monitoring
Administration	STK1437851-3	2014-08-05	Coliform	Admin Building	SJC Fair Grounds Monitoring-1
ADMIN BLDG	STK1438625-1	2014-08-22	Coliform	Admin Building	Drinking Water Monitoring
	STK1438966-3	2014-09-02	Coliform	Admin Building	Drinking Water Monitoring
	STK1439281-1	2014-09-09	Coliform	Admin Building	Drinking Water Monitoring
	STK1439432-1	2014-09-12	Coliform	Admin Building	Drinking Water Monitoring
	STK1439529-1	2014-09-16	Coliform	Admin Building	Drinking Water Monitoring
	STK1439996-1	2014-09-30	Coliform	Admin Building	Drinking Water Monitoring
	STK1450302-3	2014-10-07	Coliform	Admin Building	Drinking Water Monitoring
	STK1451251-4	2014-11-04	Coliform	Admin Building	Drinking Water Monitoring
	STK1451384-1	2014-11-06	Coliform	Admin Building	Drinking Water Monitoring
	STK1451592-1	2014-11-12	Coliform	Admin Building	Drinking Water Monitoring
	STK1451774-2	2014-11-18	Coliform	Admin Building	Drinking Water Monitoring
Administration	STK1435895-1	2014-06-13	Coliform	Administration Office	Bacteriological Sampling
BATHROOM H/B	STK1431108-3	2014-02-05	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1431990-3	2014-03-04	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1435352-2	2014-06-03	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1435823-6	2014-06-12	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1436082-2	2014-06-18	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1436511-2	2014-07-01	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1436587-3	2014-07-02	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1436602-3	2014-07-03	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1436658-3	2014-07-04	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1436659-3	2014-07-05	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1436799-3	2014-07-09	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1438260-1	2014-08-13	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1438625-3	2014-08-22	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1438850-1	2014-08-29	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1439281-3	2014-09-09	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1439432-4	2014-09-12	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1439529-3	2014-09-16	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1439766-2	2014-09-23	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1439996-3	2014-09-30	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1450302-2	2014-10-07	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1451251-6	2014-11-04	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1451592-3	2014-11-12	Coliform	Bathroom H.B.	Drinking Water Monitoring
	STK1451774-1	2014-11-18	Coliform	Bathroom H.B.	Drinking Water Monitoring
BLDG #2	STK1431108-4	2014-02-05	Coliform	Building 2	Drinking Water Monitoring
	STK1431990-4	2014-03-04	Coliform	Building 2	Drinking Water Monitoring
Building #2	STK1432893-4	2014-04-01	Coliform	Building 2	SJC Fair Grounds Monitoring-1
BLDG #2	STK1435352-3	2014-06-03	Coliform	Building 2	Drinking Water Monitoring
	STK1435823-4	2014-06-12	Coliform	Building 2	Drinking Water Monitoring

Building #2	STK1435895-2	2014-06-13	Coliform	Building 2	Bacteriological Sampling
BLDG #2	STK1436082-1	2014-06-18	Coliform	Building 2	Drinking Water Monitoring
	STK1436360-2	2014-06-25	Coliform	Building 2	Drinking Water Monitoring
	STK1436511-3	2014-07-01	Coliform	Building 2	Drinking Water Monitoring
	STK1436587-2	2014-07-02	Coliform	Building 2	Drinking Water Monitoring
	STK1436602-2	2014-07-03	Coliform	Building 2	Drinking Water Monitoring
	STK1436658-2	2014-07-04	Coliform	Building 2	Drinking Water Monitoring
	STK1436659-2	2014-07-05	Coliform	Building 2	Drinking Water Monitoring
	STK1436799-2	2014-07-09	Coliform	Building 2	Drinking Water Monitoring
	STK1438625-2	2014-08-22	Coliform	Building 2	Drinking Water Monitoring
	STK1438966-2	2014-09-02	Coliform	Building 2	Drinking Water Monitoring
	STK1439281-2	2014-09-09	Coliform	Building 2	Drinking Water Monitoring
	STK1439432-2	2014-09-12	Coliform	Building 2	Drinking Water Monitoring
	STK1439529-2	2014-09-16	Coliform	Building 2	Drinking Water Monitoring
	STK1439766-1	2014-09-23	Coliform	Building 2	Drinking Water Monitoring
	STK1439996-2	2014-09-30	Coliform	Building 2	Drinking Water Monitoring
	STK1451251-2	2014-11-04	Coliform	Building 2	Drinking Water Monitoring
	STK1451384-2	2014-11-06	Coliform	Building 2	Drinking Water Monitoring
	STK1451592-2	2014-11-12	Coliform	Building 2	Drinking Water Monitoring
	STK1452245-2	2014-12-02	Coliform	Building 2	Drinking Water Monitoring
GRANDSTAND	STK1430828-3	2014-01-27	Coliform	Grandstand	SJC Fair Grounds Bacti
	STK1431990-2	2014-03-04	Coliform	Grandstand	SJC Fair Grounds Bacti
Grandstand	STK1435895-3	2014-06-13	Coliform	Grandstand	Bacteriological Sampling
GRANDSTAND	STK1436082-3	2014-06-18	Coliform	Grandstand	SJC Fair Grounds Bacti
	STK1439432-3	2014-09-12	Coliform	Grandstand	SJC Fair Grounds Bacti
	STK1451251-3	2014-11-04	Coliform	Grandstand	SJC Fair Grounds Bacti
Maintenance Sho	STK1430828-2	2014-01-27	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1431990-6	2014-03-04	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1432893-2	2014-04-01	Coliform	Maintenance Shop HB	SJC Fair Grounds Monitoring-1
	STK1434876-4	2014-05-20	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1436360-4	2014-06-25	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1436587-5	2014-07-02	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1436602-5	2014-07-03	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1436658-5	2014-07-04	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1436659-5	2014-07-05	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1438260-3	2014-08-13	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
MAINT. H/B	STK1438850-3	2014-08-29	Coliform	Maintenance Shop HB	Drinking Water Monitoring
Maintenance Sho	STK1439766-4	2014-09-23	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1450302-4	2014-10-07	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1451251-5	2014-11-04	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1451384-5	2014-11-06	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1451774-3	2014-11-18	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1452096-3	2014-11-25	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
	STK1452245-3	2014-12-02	Coliform	Maintenance Shop HB	SJC Fair Grounds Daily Bacti
PT	STK1430461-2	2014-01-14	Coliform	Pressure Tank	Drinking Water Monitoring
	STK1435823-2	2014-06-12	Coliform	Pressure Tank	Drinking Water Monitoring
	STK1436512-2	2014-07-01	Coliform	Pressure Tank	Drinking Water Monitoring
	STK1451252-2	2014-11-04	Coliform	Pressure Tank	Drinking Water Monitoring
Restroom	STK1432893-3	2014-04-01	Coliform	Restroom	SJC Fair Grounds Monitoring-1
RR	STK1451384-3	2014-11-06	Coliform	Restroom	SJC Fair Grounds
	STK1452096-1	2014-11-25	Coliform	Restroom	SJC Fair Grounds
Shop	STK1435895-4	2014-06-13	Coliform	Shop	Bacteriological Sampling
SHOP	STK1437851-1	2014-08-05	Coliform	Shop	SJC Fair Grounds Monitoring-1
Well 01	STK1050250-1	2010-11-17	Radio Chemistry	Well 01	Radio Monitoring
	STK1238712-1	2012-09-12	Metals, Total	Well 01	Water Quality Monitoring
	STK1435351-1	2014-06-03	Wet Chemistry	Well 01	Water Quality Monitoring
	STK1435352-5	2014-06-03	Metals, Total	Well 01	SAN JOAQUIN FAIR - 2ND DISTRICT
	STK1451773-1	2014-11-18	Wet Chemistry	Well 01	Chrome 6 Monitoring
East End of Gra	STK1431108-2	2014-02-05	Coliform	West Side of Grandstand	SJC Fair Grounds Daily Bacti
West Side Grand	STK1432893-6	2014-04-01	Coliform	West Side of Grandstand	SJC Fair Grounds Monitoring-1

GRANDSTAND	STK1434876-2	2014-05-20	Coliform	West Side of Grandstand	SJC Fair Grounds Bacti
W/S Grandstand	STK1435352-1	2014-06-03	Coliform	West Side of Grandstand	SJC Fair Grounds Bacti
GRANDSTAND	STK1435823-5	2014-06-12	Coliform	West Side of Grandstand	SJC Fair Grounds Bacti
W/S Grandstand	STK1436360-3	2014-06-25	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1436511-1	2014-07-01	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1436587-4	2014-07-02	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1436602-4	2014-07-03	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1436658-4	2014-07-04	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1436659-4	2014-07-05	Coliform	West Side of Grandstand	Drinking Water Monitoring
W. Side Grandst	STK1437851-2	2014-08-05	Coliform	West Side of Grandstand	SJC Fair Grounds Monitoring-1
W/S Grandstand	STK1438260-2	2014-08-13	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1438850-2	2014-08-29	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1438966-1	2014-09-02	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1439281-4	2014-09-09	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1439529-4	2014-09-16	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1439766-3	2014-09-23	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1439996-4	2014-09-30	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1451384-4	2014-11-06	Coliform	West Side of Grandstand	Drinking Water Monitoring
	STK1452096-2	2014-11-25	Coliform	West Side of Grandstand	Drinking Water Monitoring